COASTAL HIGH HAZARD AREA CERTIFICATION

(Pursuant to Chapter 21A of the Revised Ordinances of Honolulu)

New Projects, Developments and Substantial Improvements

Owner's Name _____

Project Description: _____

Address: _____ City: _____

State: _____ Zip: _____ Tax Map Key: _____

Section I – Flood Insurance Rate Map Information

COMMUNITY NO.	PANEL NO.	SUFFIX	DATE OF FIRM	FIRM ZONE	BASE FLOOD ELEV.	COMMUNITY ESTIMATED BASE FLOOD ELEVATION ESTABLISHED FOR ZONE V IF AVAILABLE

Section II – Elevation Information

1. Bottom of the Lowest Horizontal Structural Member ……_____ft.
2. Top of the Next Higher Floor ……_____ ft.
3. Base Flood Elevation ……_____ ft.
4. Elevation of Highest Adjacent Grade ……_____ ft.
5. Elevation of Lowest Adjacent Grade ……_____ ft.
6. Elevation of Bottom of Pilings or Foundation ……_____ ft.

Section III – VE Zone Certification Statement

The plans, specifications and methods of construction for the proposed project are in accordance with accepted standards of practice for meeting the provisions of the Flood Hazard Ordinance, and:

1. Comply with the standards and requirements of the Flood Hazard Area Regulations of the Revised Ordinances of Honolulu;
2. Conform to the flood elevations of the Federal Emergency Management Agency Flood Insurance Rate Maps (FIRM); and
3. Are adequate to resist the regulatory flood forces; do not increase flood elevations; and do not affect flooding on surrounding properties;

I certify that based upon development and/or review of structural design, specifications, and plans for construction including consideration of the hydrostatic, hydrodynamic and impact loading involved, that the design and methods of construction are in accordance with accepted standards of practice for meeting the following provisions:

1. The bottom of the lowest horizontal structural member of the lowest floor (excluding the pilings or columns) is elevated to or above the regulatory flood elevation;
2. The pile or column foundation and structure attached thereto is anchored to resist flotation, collapse and lateral movement due to the effects of wind and water loads acting simultaneously on all building

Section IV – Breakaway Wall Certification Statement

(NOTE: This section must be certified when breakaway walls are used which exceed a design safe loading resistance of 20 pounds per square foot.)

I certify that based upon development and/or review of structural design, specifications, and plans for construction that the design and methods of construction of the breakaway walls are in accordance with accepted standards of practice for meeting the following provisions:

1. Breakaway collapse shall result from a water load less than that which would occur during the regulatory flood;
2. The elevated portion of the building and supporting foundation system shall not be subject to collapse, displacement, or other structural damage due to the effects of wind and water loads acting simultaneously on all building components; and
3. The space below the lowest floor is useable solely for parking of vehicles, building access and storage.

Section V – Certification

Project plans and specifications include:

1. The location of flood hazard boundaries;
2. Existing and proposed elevations of the property in relation to the elevation reference marks on the Federal Flood Maps;
3. The flood elevations, velocity and other data from the Federal Flood Maps and study;
4. Existing and proposed structures, utilities and improvements; and
5. Proposed flood proofing measures and improvements.

This certification is conditioned upon the actual construction of the project being in strict accordance with the plans and specifications as stamped and signed by me.

Affix Seal Below

Certifier's Name _____
(print or type)

Title _____

Company Name _____

Street Address _____

City _____ State _____ Zip _____

Signature _____ Date _____

Engineer or Architect

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2/2011, 12/2015, 12/2016